Attorney Docket No. 1826.1088

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent A	Applic	ation of:
Rainer	r HAINI	BERG	BER et al.
Applica	ation N	lo.:	Group Art Unit:
Filed:	(Conc	urrent	tly) Examiner:
For:	OPTI	CAL F	REGENERATOR IN OPTICAL FIBER COMMUNICATION SYSTEM
			INFORMATION DISCLOSURE STATEMENT
PO Bo	x 1450)	Patents 313-1450
Sir:			
subjec	ed cert	ain in paten	nce with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby formation which the Examiner may consider material to the examination of the tapplication. It is requested that the Examiner make this information of recorderial to the examination of the subject application.
	1.	End	closures accompanying this Information Disclosure Statement are:
	1b.		Form PTO-1449. Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
	1c.		or a PCT International Search Report.
	1d.	. 🗀	English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
	1e.	. 🛛	• ••••
	2. 🗵	-	accordance with 37 CFR § 1.98, a concise explanation of what is presently derstood to be the relevance of each non-English language publication is
	2a.	\boxtimes	(Check appropriate Items 2a, 2b, 2c and/or 2d) satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)
	2 b.		set forth in the application.

FORM	PTO	-1449
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.	APPLICATION NO.				
1826.1088					
FIRST NAMED INVENTOR					
Rainer HAINBERGER et al.					
FILING DATE	GROUP ART UNIT				

(Concurrently)

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ILS PATENT DOCUMENTS

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	2001/21288	09/13/2001	Watanabe et al.			
	АВ	5,350,913	09/27/1994	Aoshima et al.			
	AC	6,141,129	10/31/2000	Mamyshev			_
	AD	6,433,899	08/13/2002	Anslow et al.			_
	AE	5,657,154	08/12/1997	Yoneyama			
	AF	6,504,637	01/07/2003	Yokoyama et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
AG	8-288916	11/01/1996	Japan	×	

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSI	ATION
			YES	NO _
	АН	Neal S. Bergano, "Undersea Amplified Lightwave Systems Design", in Kaminov et al., Optical Fiber Telecommunications, Volume IIIA, Chapter 10, 1997, pp. 302-335		
	Al	N. S. Bergano et al., "Margin Measurements in Optical Amplifier Systems", IEEE Photonics Technology Letters, Vol. 5, No. 3, March 1993, pp. 304-306		
	AJ	Akira Hirano et al., "All-Optical Discrimination Based on Nonlinear Transmittance of MQW Semiconductor Optical Gates", Journal of Lightwave Technology, Vol. 17, No. 5, May 1999, pp. 873-884		
	AK	Ernesto Ciaramella et al., "All-Optical Signal Reshaping via Four-Wave-Mixing in Optical Fibers", IEEE Photonics Technology Letters, Vol. 12, No. 7, July 2000, pp. 849-851		
	AL	Mingshan Zhao et al., "All-Optical 2R Regeneration Based on Polarization Rotation in a Linear Optical Amplifier", IEEE Photonics Technology Letters, Vol. 15, No. 2, February 2003, pp. 305-307		
	АМ	P. V. Mamyshev, "All-Optical Data Regeneration Based on Self-Phase Modulation Effect", ECOC'98, September 1998, Madrid, Spain, pp. 475-476		
EVAMINED		DATE CONSIDERED		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPLANATIONS OF RELEVANCY OF REFERENCES

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References AA and AB are cited on the attached International Search Report.

References AC – AM are discussed on the specification.

References AG corresponds to Reference AE.

	1 76
to be, material to patentability nor a (other than search report(s) from a	ormation cited in this Statement is, or is considered a representation that a search has been made a counterpart foreign application or a PCT mitted herewith). 37 CFR §§ 1.97(g) and (h).
	Respectfully submitted,
	STAAS & HALSEY LLP
Dated: 12/19/05 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501	By: Richard Q. Pollhefer Richard A. Gollhofer Registration No. 31,106